

Title (en)  
AQUACULTURE SYSTEM

Title (de)  
AQUAKULTURSYSTEM

Title (fr)  
SYSTÈME D'AQUACULTURE

Publication  
**EP 4000393 A4 20230830 (EN)**

Application  
**EP 20839992 A 20200714**

Priority  
• JP 2019131003 A 20190716  
• JP 2020027385 W 20200714

Abstract (en)  
[origin: EP4000393A1] This aquaculture system (Sy) comprises: mineral sensors (22, 24, 26) that detect the concentration of minerals contained in breeding water in a breeding tank (50) for breeding an aquatic organism or in breeding water in a circulation route (70); and an adjustment part that performs an instruction or an action for inducing the concentration of the minerals in the breeding water to coincide with the standard when the mineral concentration detected by the mineral sensors (22, 24, 26) is out of the standard.

IPC 8 full level  
**A01K 63/04** (2006.01); **A01K 61/59** (2017.01)

CPC (source: CN EP US)  
**A01K 61/59** (2016.12 - EP); **A01K 63/003** (2013.01 - CN); **A01K 63/04** (2013.01 - CN EP US); **A01K 63/06** (2013.01 - US); **G01N 33/1813** (2013.01 - CN); **Y02A 40/81** (2017.12 - EP)

Citation (search report)  
• [XDI] JP 2008043252 A 20080228 - JAPAN INT RES CT FOR AGRICULTURAL SCIENCES, et al  
• [A] CN 109169451 A 20190111 - HEFEI QIDI AGRICULTURE DEV CO LTD  
• [XI] US 2001045189 A1 20011129 - MCNEIL RODERICK J [US]  
• See references of WO 2021010399A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 4000393 A1 20220525; EP 4000393 A4 20230830**; CN 114206106 A 20220318; CN 114206106 B 20231117; JP 7266094 B2 20230427; JP WO2021010399 A1 20211209; US 2022256818 A1 20220818; WO 2021010399 A1 20210121

DOCDB simple family (application)  
**EP 20839992 A 20200714**; CN 202080051180 A 20200714; JP 2020027385 W 20200714; JP 2021533080 A 20200714; US 202017626860 A 20200714